

FIGURE 1

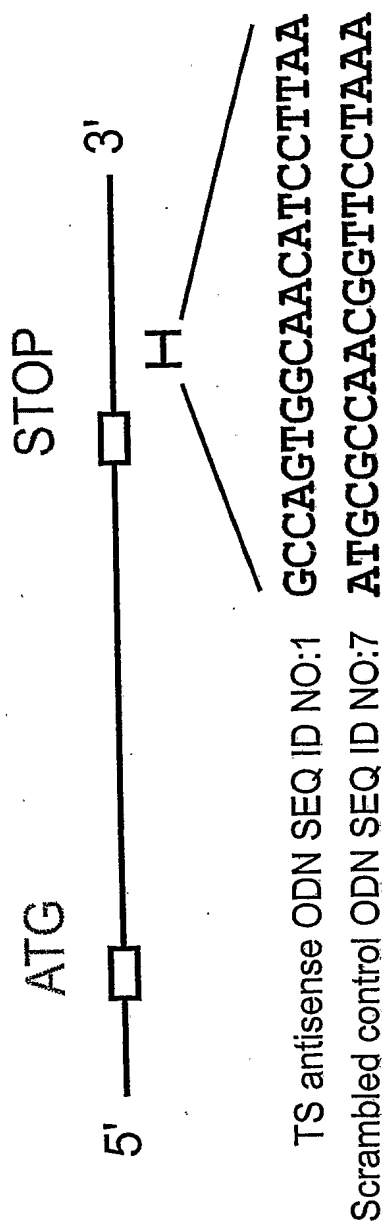
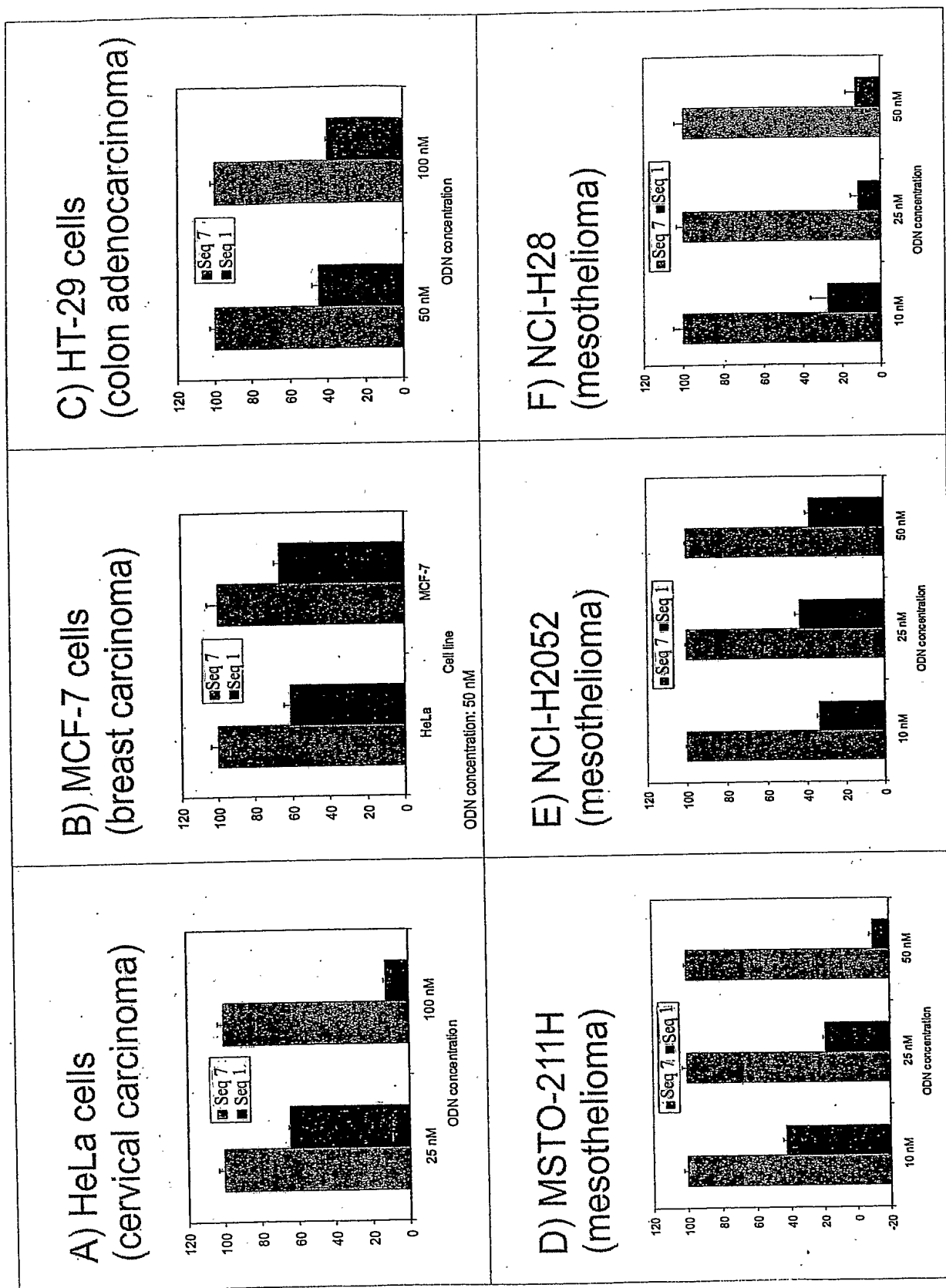


FIGURE 2



Cell proliferation rate (percent of control)

FIGURE 3

A

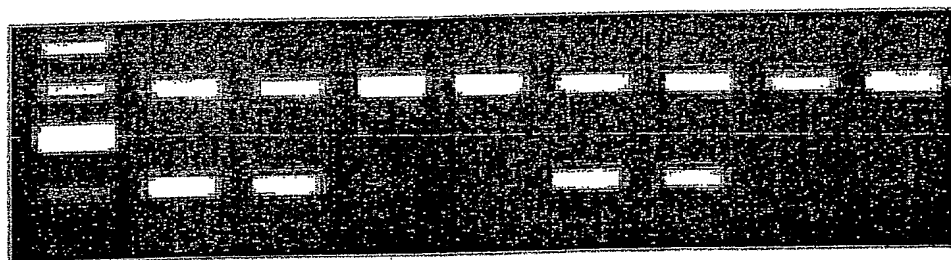
SEQ ID NO: 7 7 1 1 7 7 1 1

Time: 24 24 24 24 36 36 36 36

GAP



TS



HeLa

B

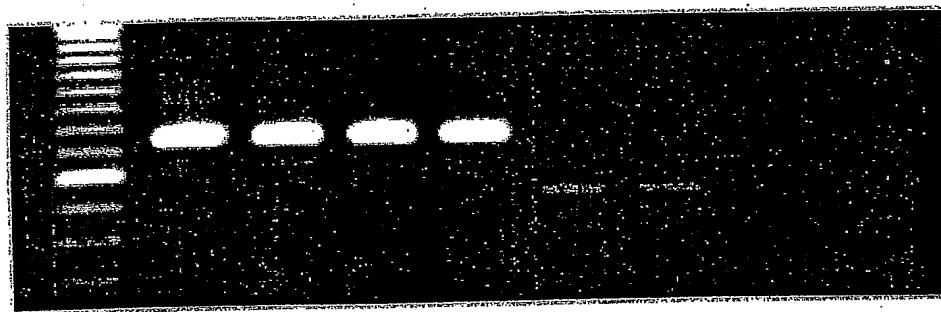
SEQ ID NO: 7 7 1 1 7 7 1 1

Time: 24 48 24 48 24 48 24 48

GAP



TS



HT-29

C

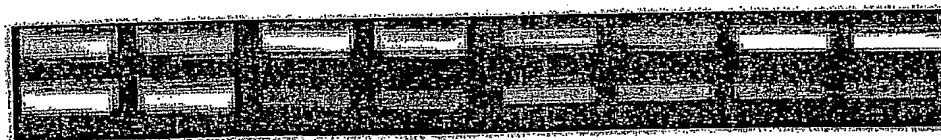
SEQ ID NO: 7 7 1 1 7 7 1 1

Time: 24 24 24 24 48 48 48 48

GAP



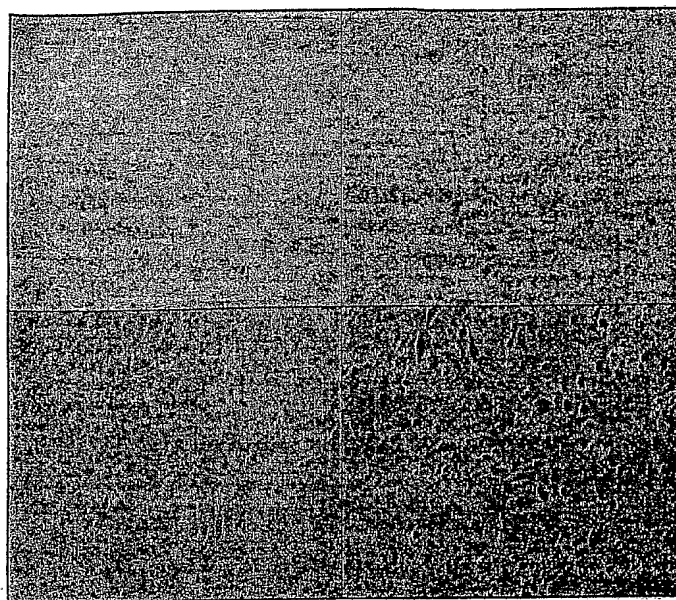
TS



MCF-7

FIGURE 4

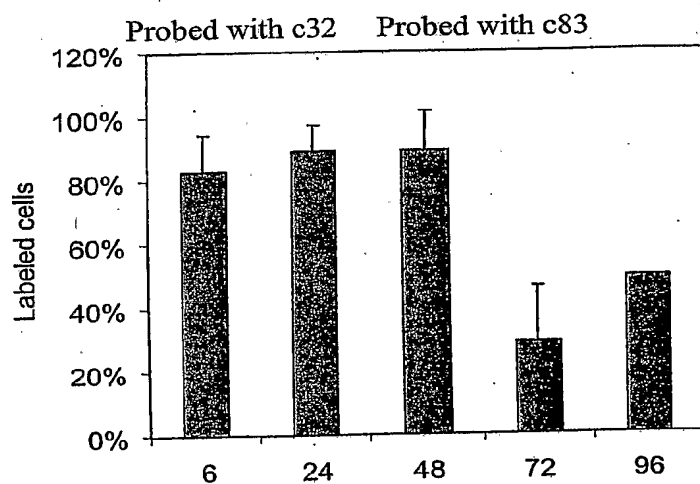
A



Cells treated
with ODN SEQ ID NO:7

Cells treated
with ODN SEQ ID NO:1

B



C

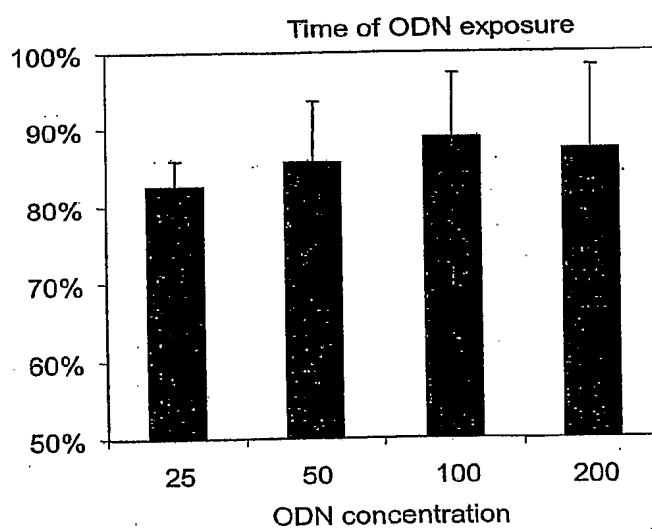


FIGURE 5

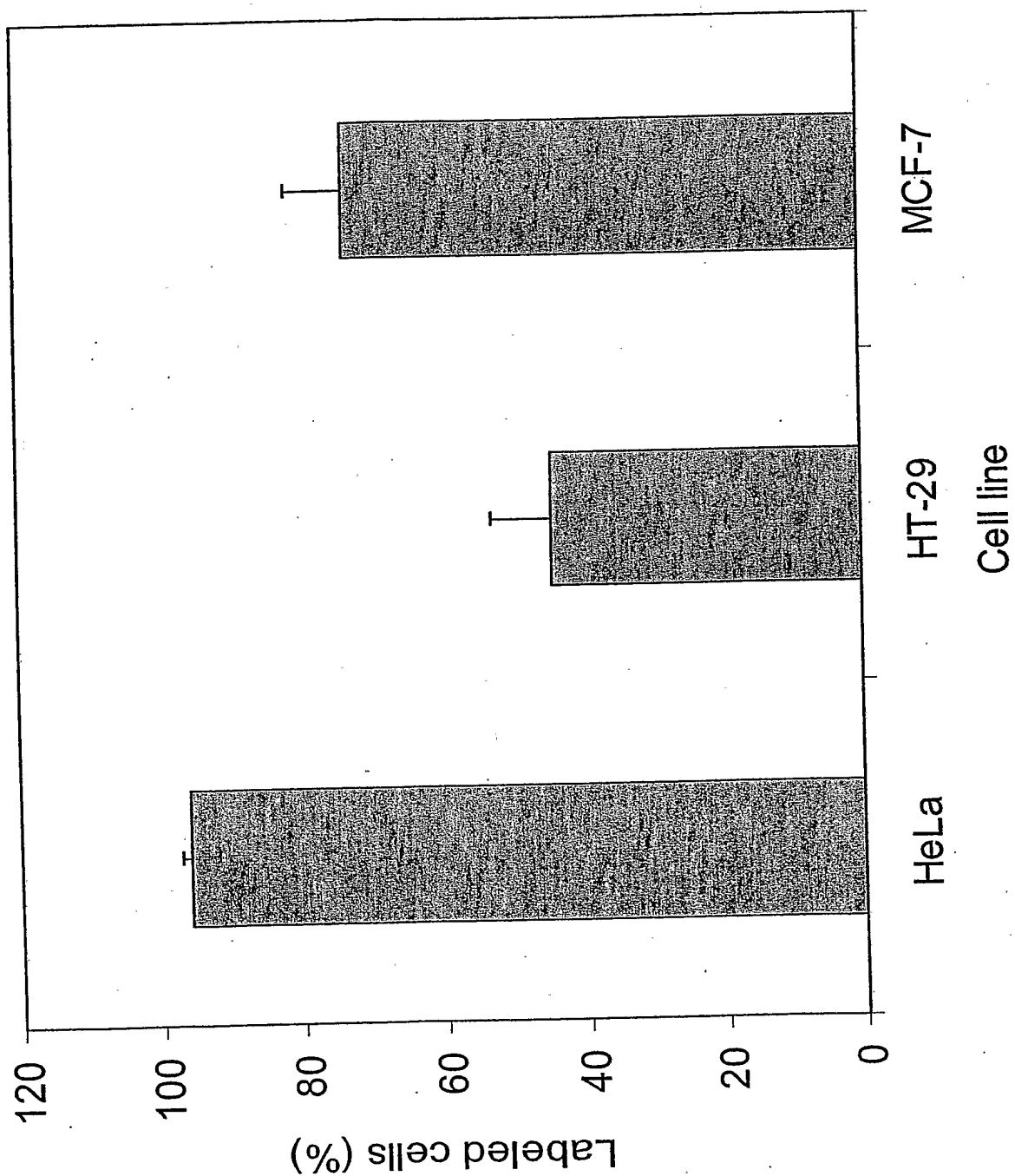


FIGURE 6

ODN SEQ ID NO:1 sensitizes HT-29 colon carcinoma cells to TS-targeting drugs

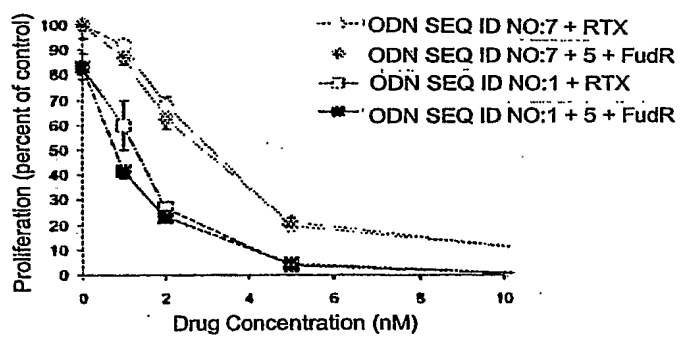
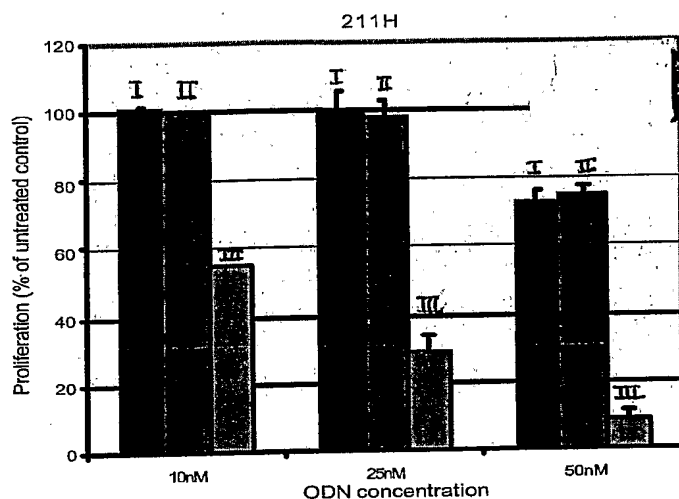
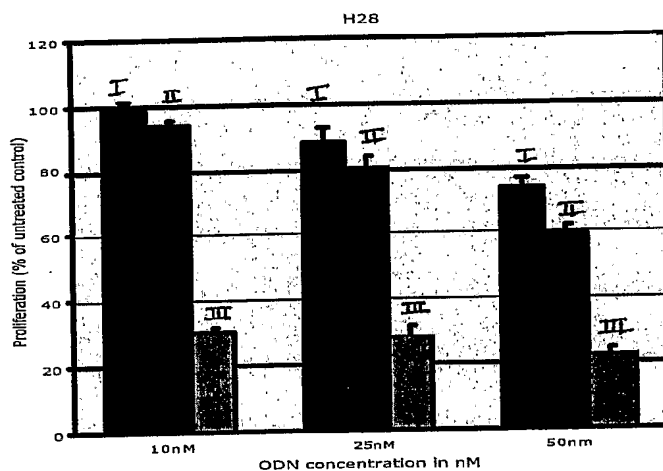


Figure 7 SEQ ID NO:1 Inhibits Proliferation of Mesothelioma Cells



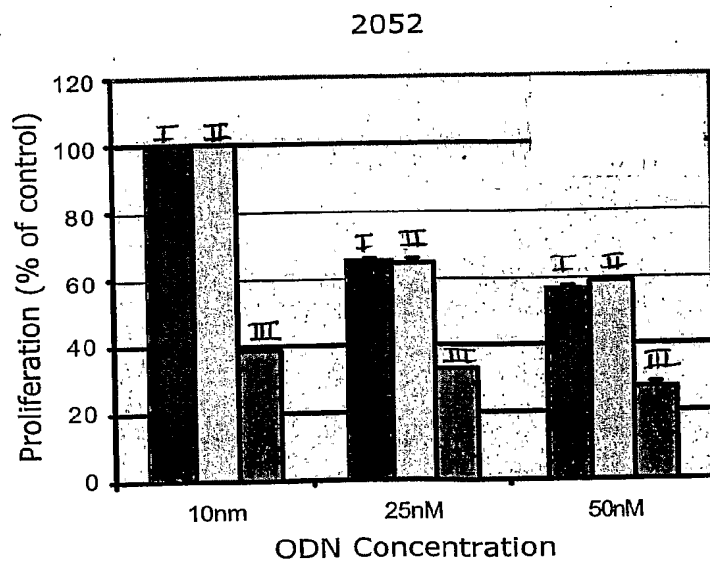
A

I FA alone
II SEQ ID NO: 7
III SEQ ID NO: 1



B

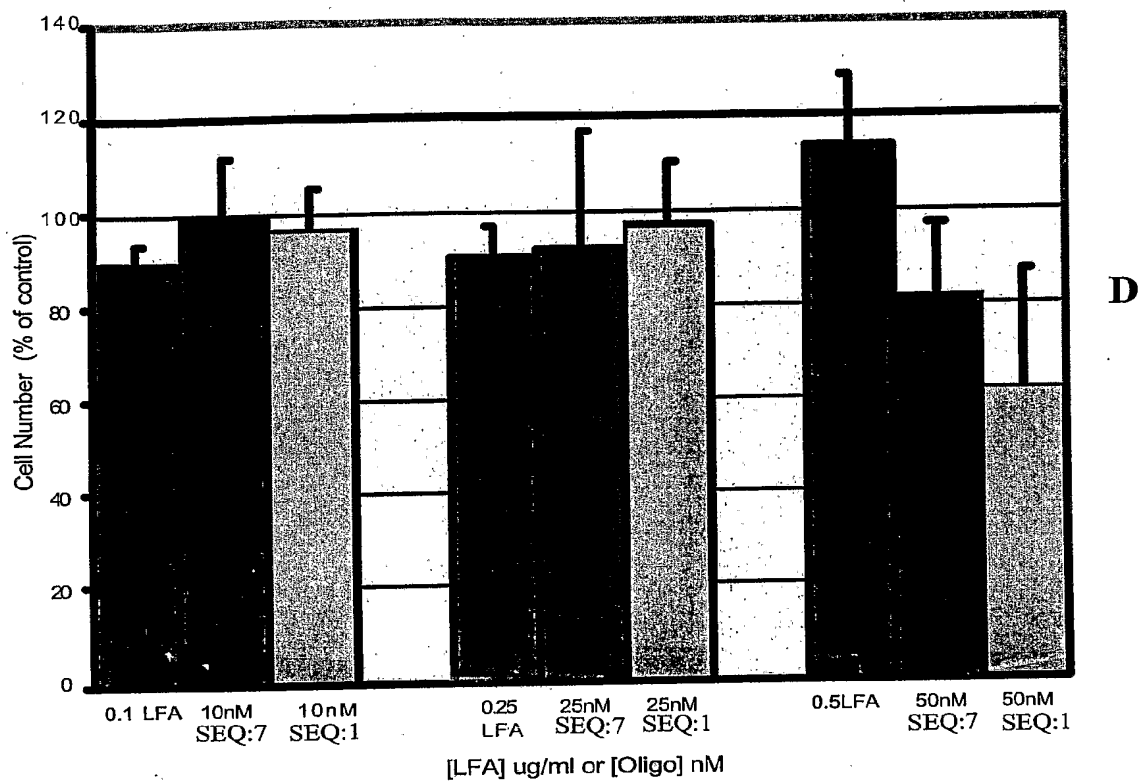
I FA alone
II SEQ ID NO: 7
III SEQ ID NO: 1



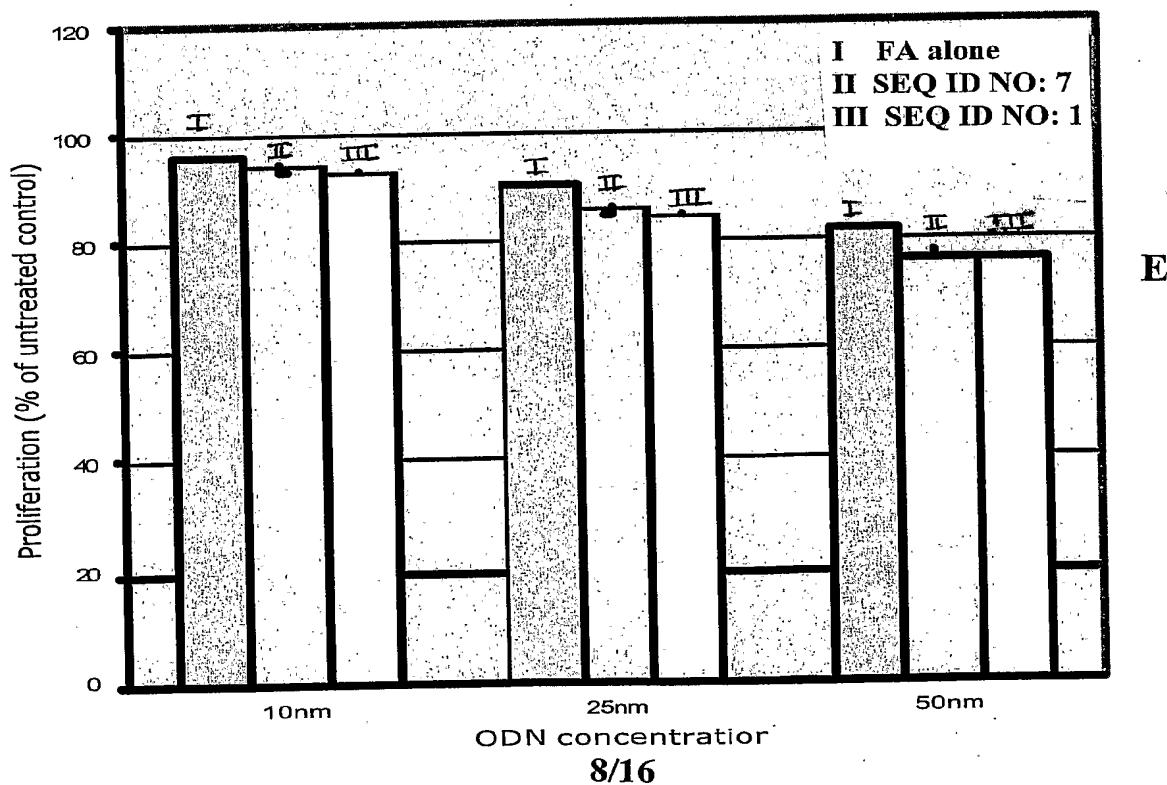
C

I FA alone
II SEQ ID NO: 7
III SEQ ID NO: 1

Figure 7 MCF-7 breast carcinoma



OV-90 Ovarian cancer



control SEQ ID NO: 7 SEQ ID NO: 1

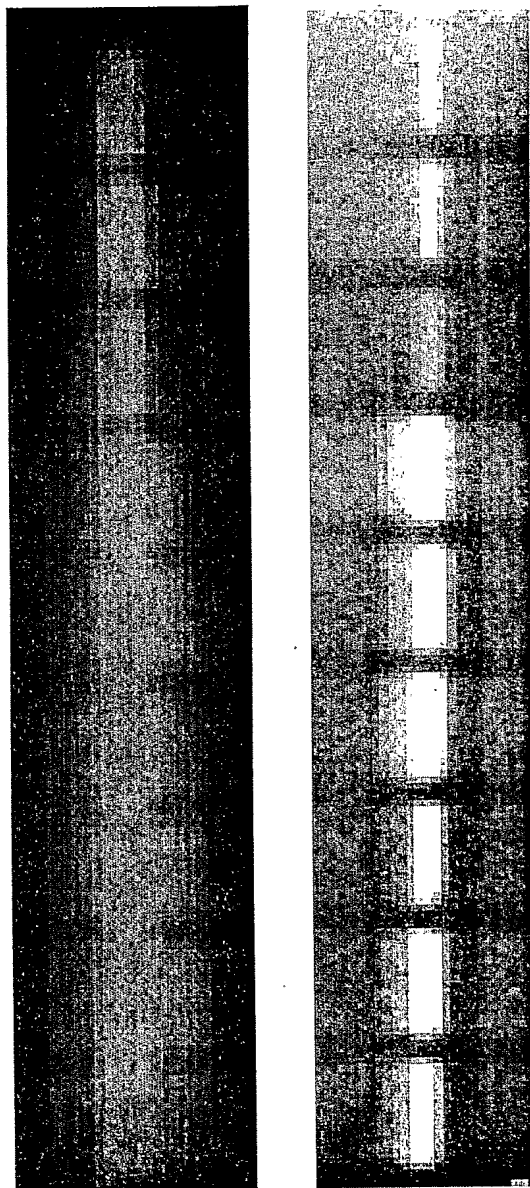


Figure 8

Figure 9

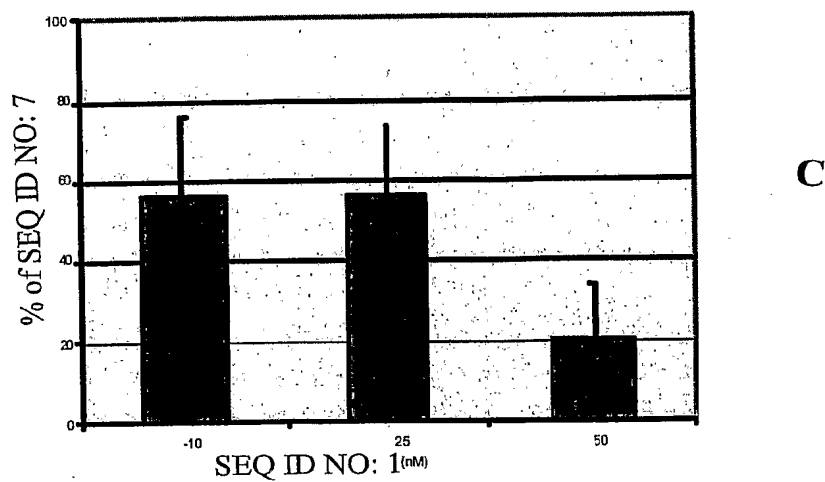
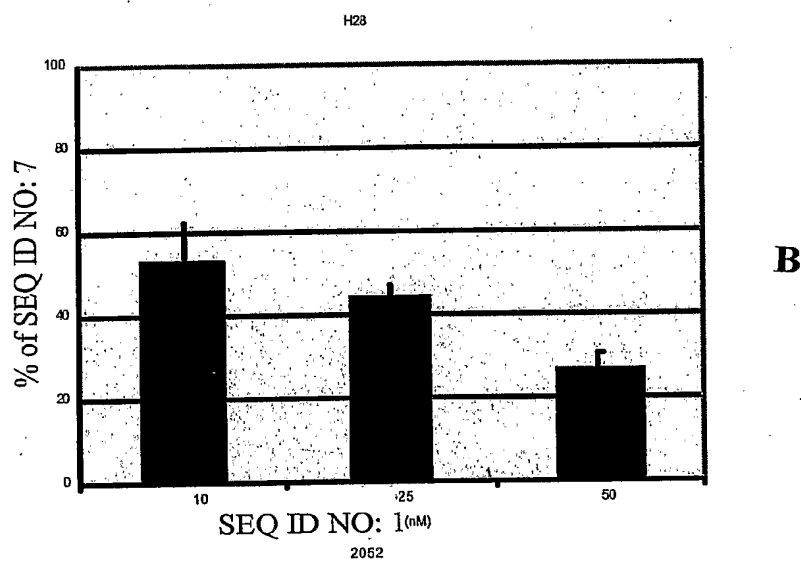
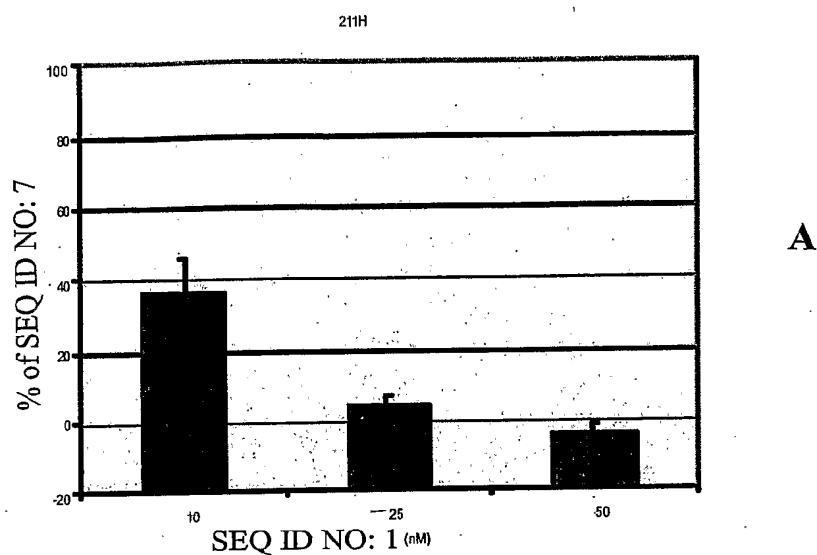


Figure 10 **SEQ ID NO:1 Enhances ALIMTA Cytotoxicity**

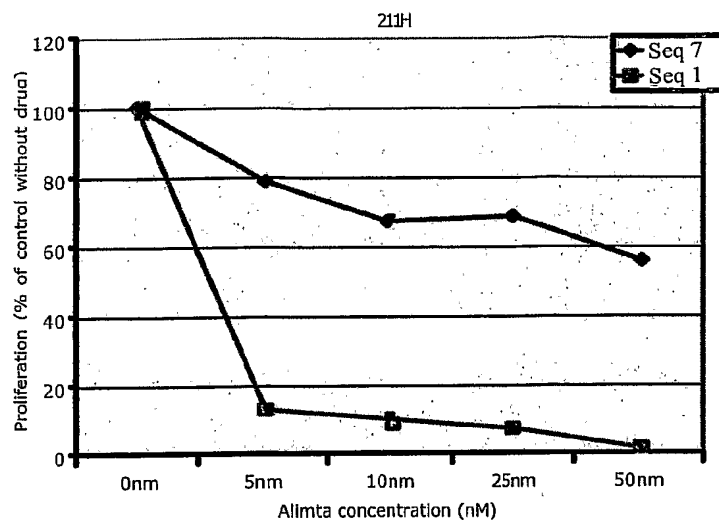
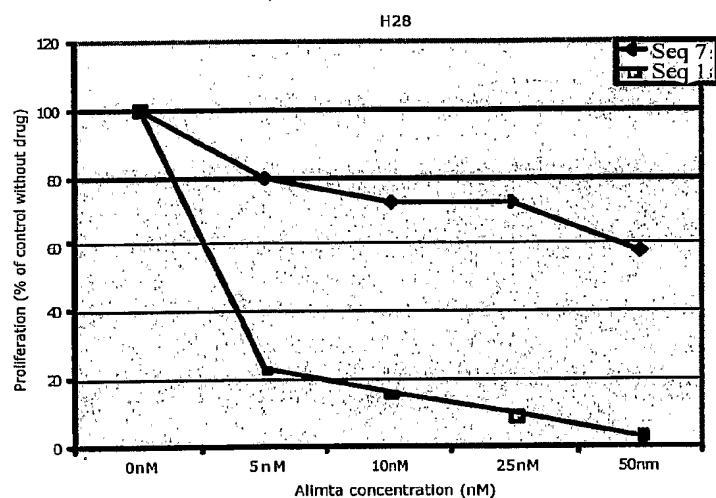
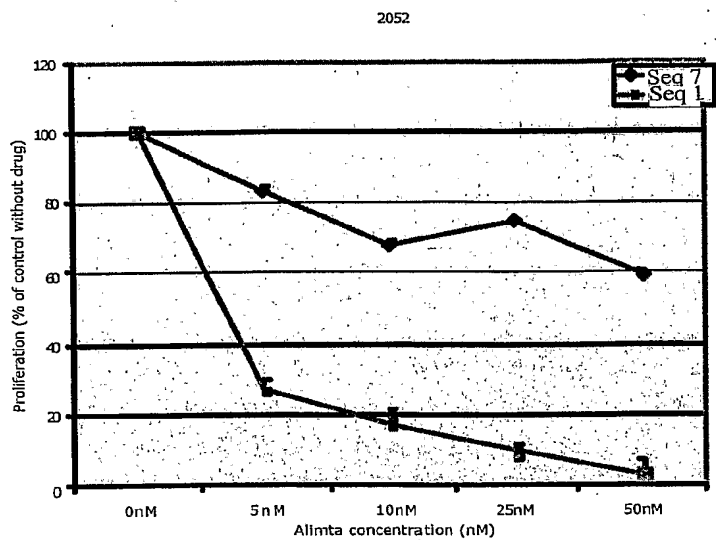
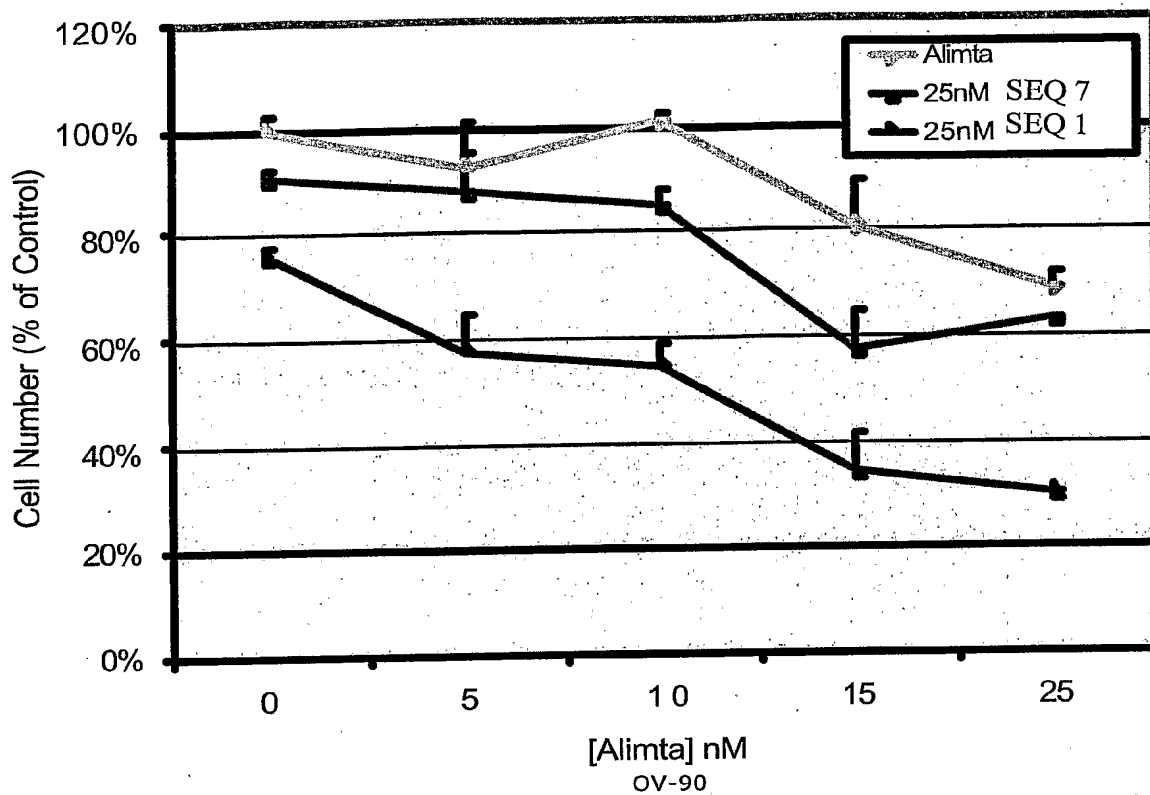
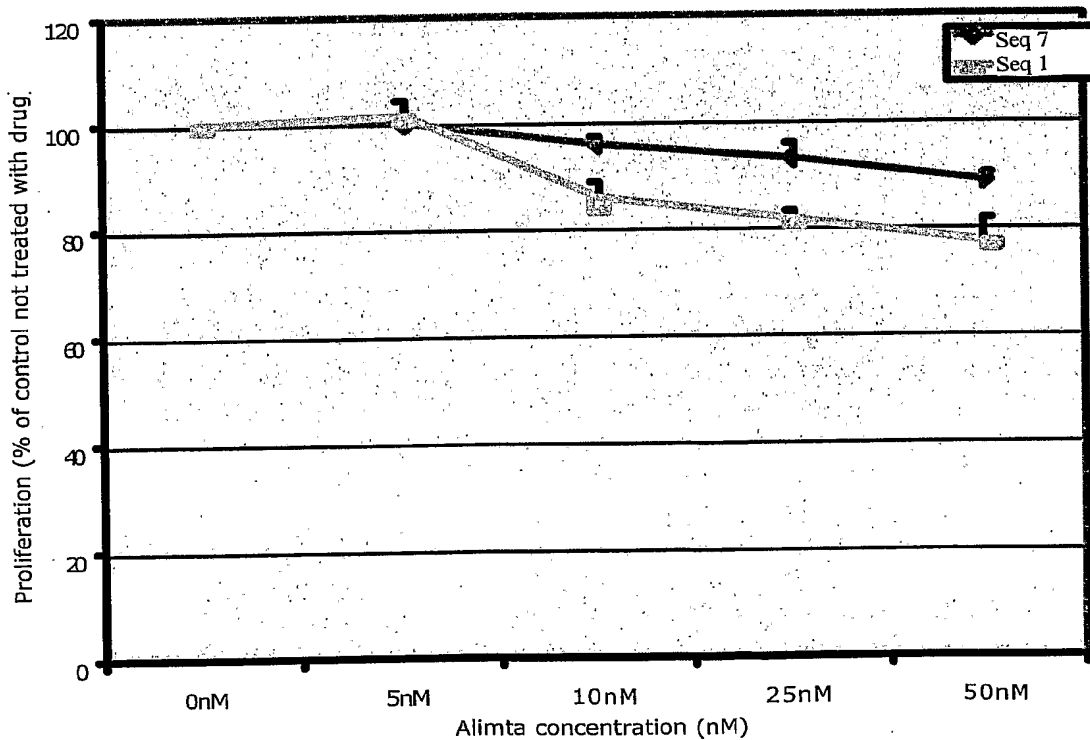
**A****B****C**

Figure 10
MCF-7 breast carcinoma



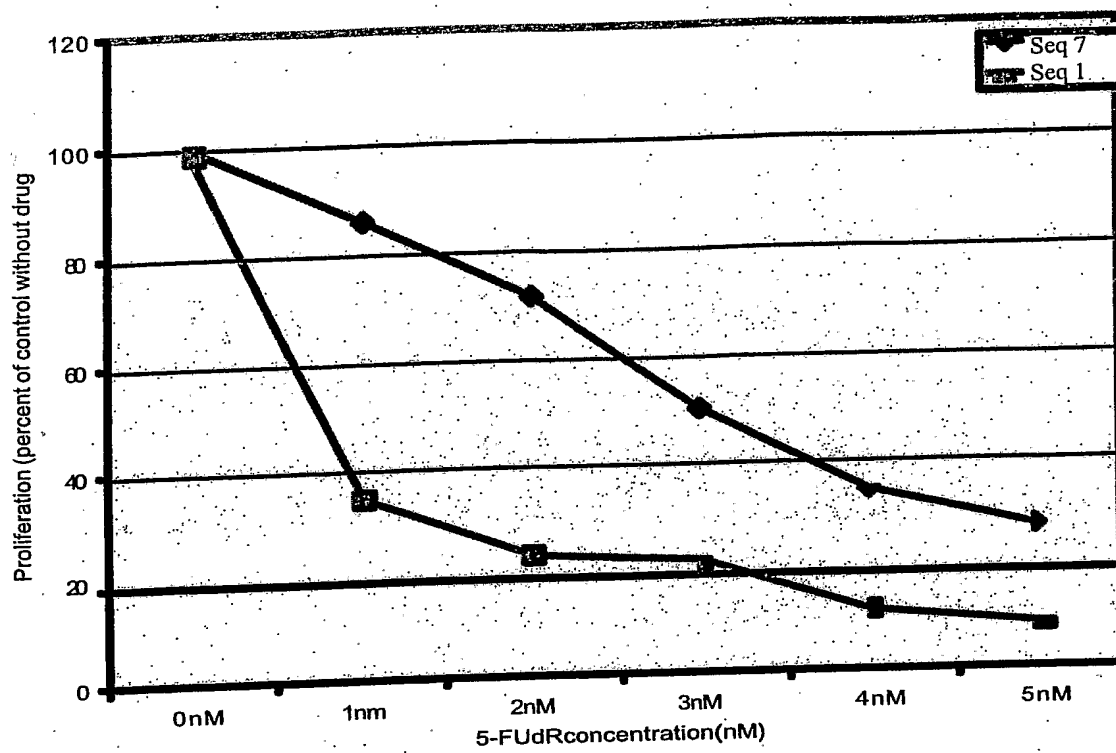
D



E

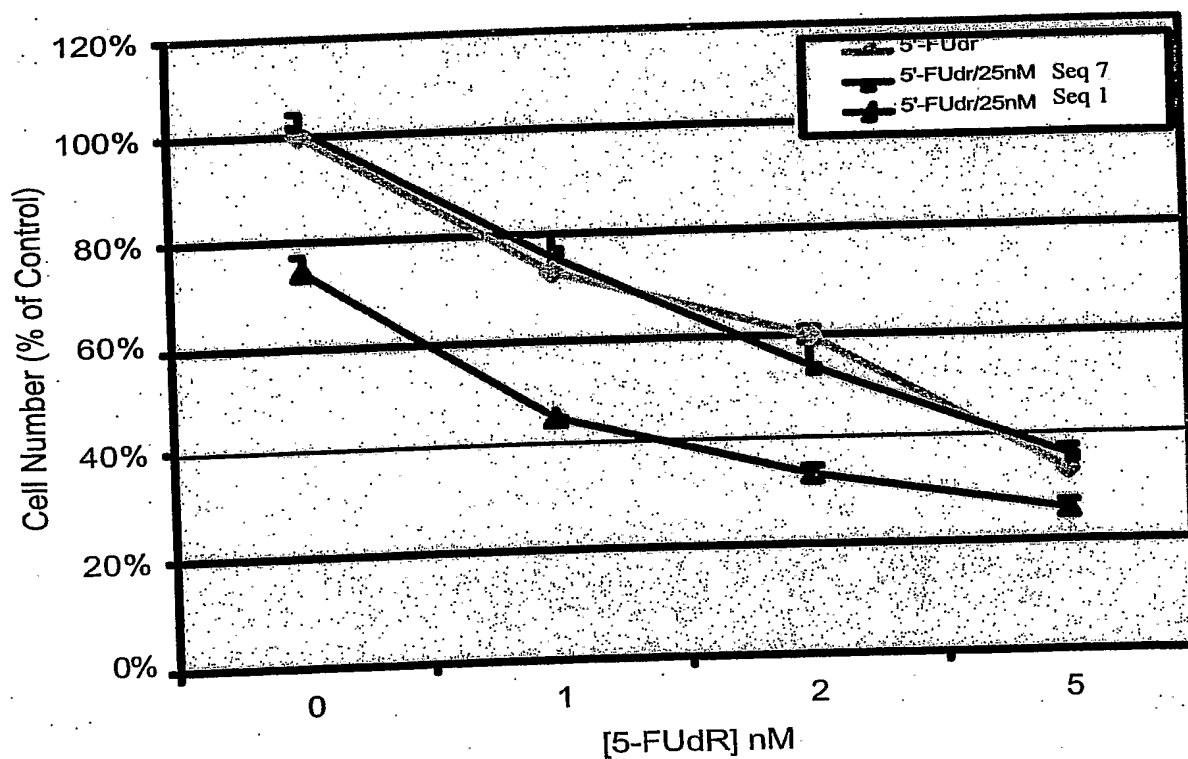
Figure 11

2052



MCF-7 breast carcinoma

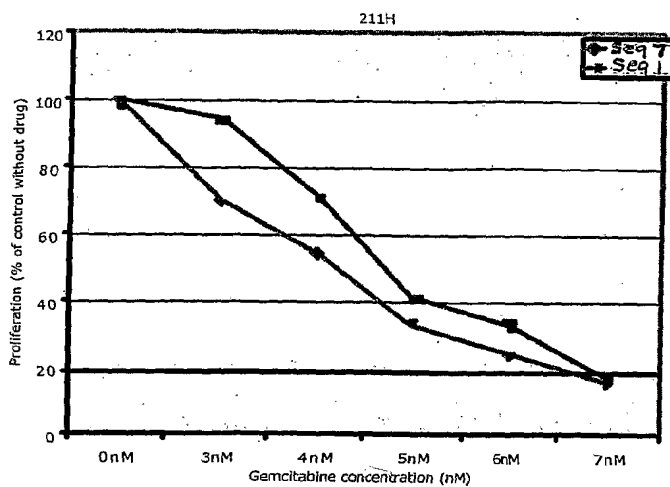
C



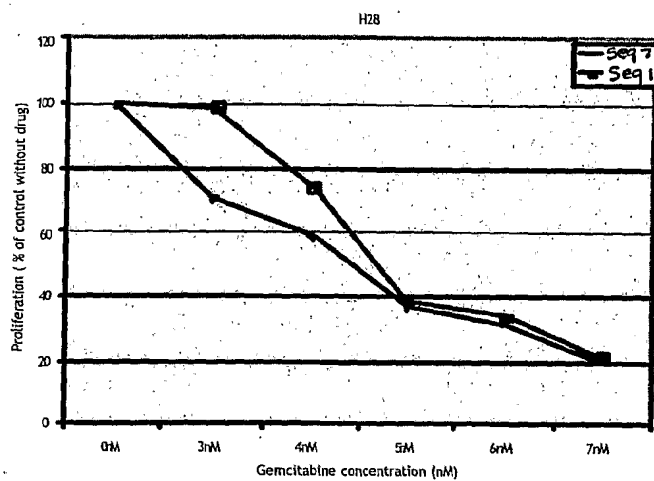
D

Figure 12 **SEQ ID NO:1 Does Not Affect Gemcitabine Cytotoxicity**

A



B



C

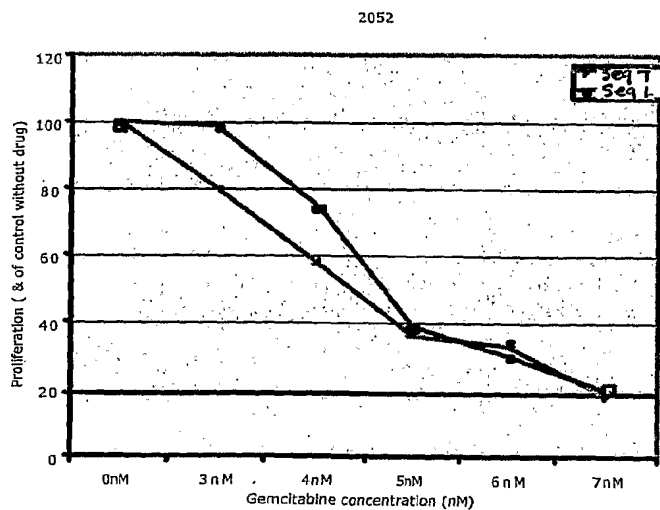


Figure 13

gi|37478|emb|X02308.1|HSTSYN1 Human mRNA For Thymidylate Synthase (EC 2.1.1.45)

GGGGGGGGGGGGGACCACTTGGCCTGCCTCCGTCCCCGCCGCGCCACTTGGCCTGCCTCCGT
CCCCGCCGCGCCACTTCGCCTGCCTCCGTCCCCCGCCGCGCCATGCCTGTGGCCGGCT
CGGAGCTGCCGCGCCGGCCCTTGCCCCCGCCGCACAGGAGCGGGACGCCGAGCCGCGTC
CGCCGCACGGGGAGCTGCAGTACCTGGGGCAGATCCAACACATCCTCCGCTGCGGCGTCA
GGAAGGACGACCGCACGGGCACCGGCACCCTGTCGGTATTCGGCATGCAGGCGCGCTACA
GCCTGAGAGATGAATTCCCTCTGCTGACAACCAAACGTGTGTTCTGGAAGGGTGTTTTGGA
GGAGTTGCTGTGGTTTATCAAGGGATCCACAAATGCTAAAGAGCTGTCTTCCAAGGGAGT
GAAAATCTGGGATGCCAATGGATCCCGAGACTTTTTGGACAGCCTGGGATTCTCCACCAG
AGAAGAAGGGGACTTGGGCCCAGTTTATGGCTTCCAGTGGAGGCATTTTGGGGCAGAATA
CAGAGATATGGAATCAGATTATTCAGGACAGGGAGTTGACCAACTGCAAAGAGTGATTGA
CACCATCAAAACCAACCCTGACGACAGAAGAATCATCATGTGCGCTTGGAATCCAAGAGA
TCTTCCTCTGATGGCGCTGCCTCCATGCCATGCCCTCTGCCAGTTCTATGTGGTGAACAGT
GAGCTGTCCTGECAGCTGTACCAGAGATCGGGAGACATGGGCCTCGGTGTGCCTTTCAAC
ATCGCCAGCTACGCCCTGCTCACGTACATGATTGCGCACATCACGGGCCTGAAGCCAGGT
GACTTTATACACACTTTGGGAGATGCACATATTTACCTGAATCACATCGAGCCACTGAAAA
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GGTCAAAAATCTGTCCGTGACCTATCAGTTATTAATTTTAAAGGATGTTGCCACTGGCAAA
TGTAAGTGTGCCAGTTCTTTCCATAATAAAAAGGCTTTGAGTTAACTCACTGAGGGTATCTG
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ATGTATGTGCATTTCAATCCCACGTACTTATAAAGAAGGTTGGTGAATTTACAAGCTATT
TTTGAATATTTTTAGAATATTTTAAGAATTTACAAGCTATTCCCTCAAATCTGAGGGAG
CTGAGTAACACCATCGATCATGATGTAGAGTGTGGTTATGAACTTTATAGTTGTTTTATAT
GTTGCTATAATAAAGAAGTGTTCTGC